1. CRXDE - Component Structure
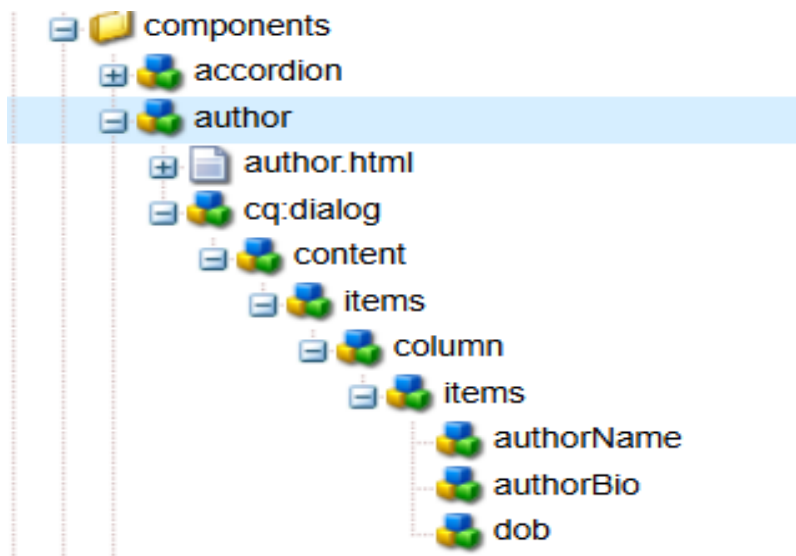
The Author Component is located at this specific path:
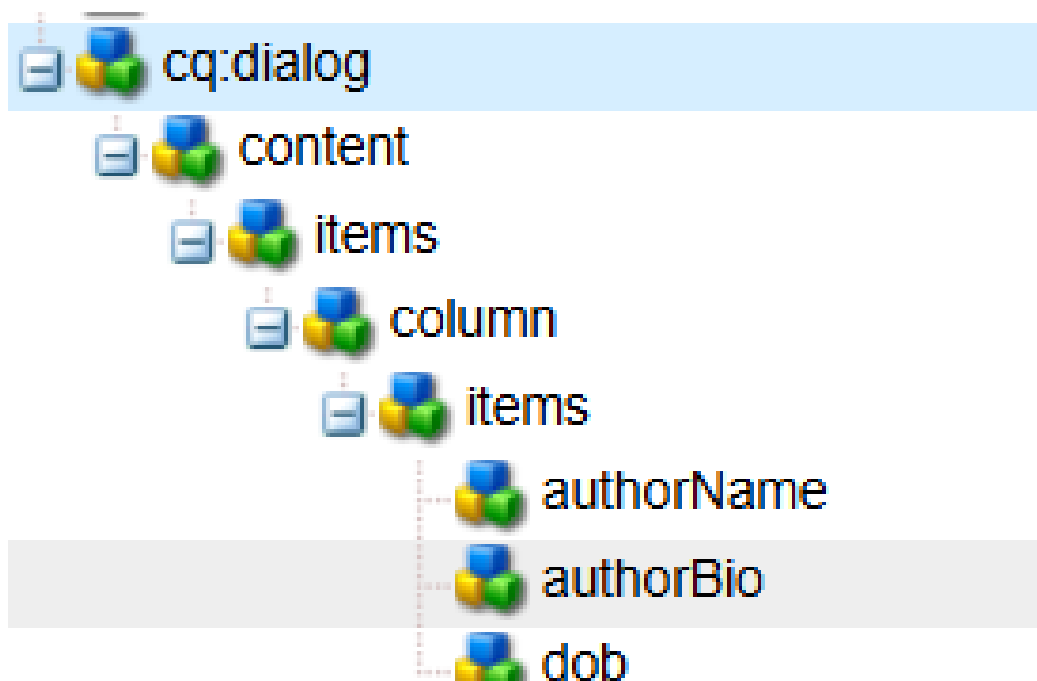
- apps/myTraining/components/author

2. CRXDE - Dialog Configuration

The dialog box includes three important fields that you must fill out. First, there's the Author Name field, where you enter the name. Next, is an Author Bio field, which allows you to write more details about the author in a longer, multi-line format. Finally, the DOB field, where you use a date picker to select the author's date of birth.

- /apps/myTraining/components/author/cq:dialog

3. AEM Touch UI - Dialog Fields

When you add the component in the AEM Page Editor, a dialog box appears in which it includes fields where users can enter information.
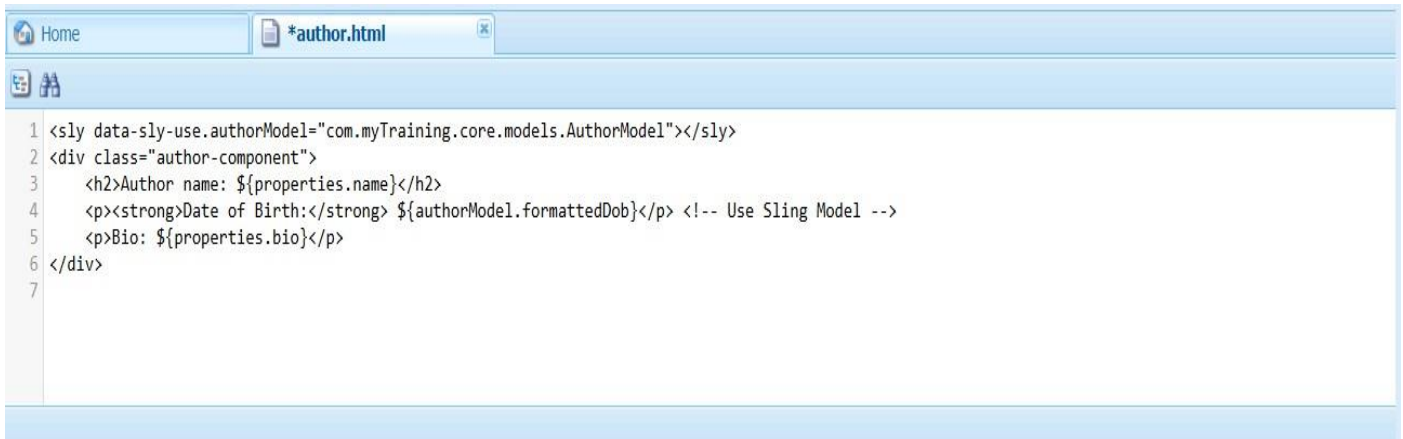
4. HTL - Fetching Values

In the author.html file, the values are shown using HTL properties.

```
<div class="author-container">

<h1>${properties.authorName}</h1>

<p>${properties.authorBio}</p>

<strong>${properties.dob}</strong>

</div>
```
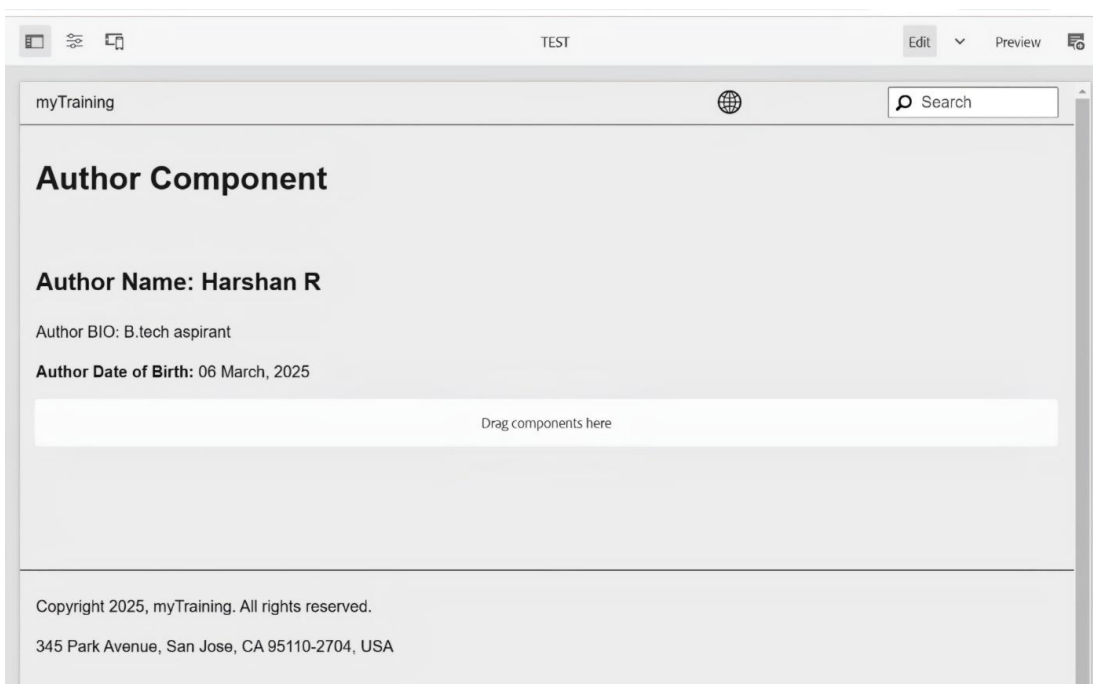
```
1  <sly data-sly-use.authorModel="com.myTraining.core.models.AuthorModel"></sly>
2  <div class="author-component">
3      <h2>Author name: ${properties.name}</h2>
4      <p><strong>Date of Birth:</strong> ${authorModel.formattedDob}</p> <!-- Use Sling Model -->
5      <p>Bio: ${properties.bio}</p>
6  </div>
7
```
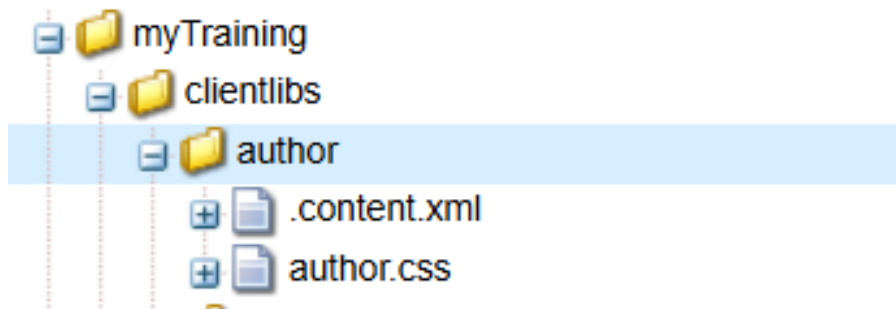
5. AEM Page - Rendered Component

The component must show:

- Author Name - <h1>Harshan R</h1>
- Author BIO - <p>B.tech aspirant </p>
- Author DOB - <strong>2025-03-06<strong>

myTraining

Author Component

Author Name: Harshan R

Author BIO: B.tech aspirant

Author Date of Birth: 06 March, 2025

Drag components here

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6.What is ClientLib ?

Client Libraries (ClientLibs) are tools used in AEM to handle CSS and JavaScript files. They play a key role in making websites load more quickly and efficiently. Additionally, ClientLibs help keep front-end assets organized, making it easier to manage them.

8.What is Dialog Validation ?

Dialog validation is about checking the information put into a dialog box to make sure it follows certain rules. This is important when dealing with components, templates, or metadata schemas. Before a user can submit a form, the data needs to be correct.

9. What is extraClientLib ?

An extra client library(extraClientLibs) is a library used on the client side. It is especially loaded in AEM Touch UI dialogs, pages, or components. These libraries typically have JavaScript, CSS, or other frontend resources.